

CLAIMS

1. An in-vivo device comprising:
 - a sensor; and
 - a MEMS switch.
2. The in-vivo device according to claim 1 wherein the sensor is an imager.
3. The in-vivo device according to claim 1, wherein the in-vivo device is a swallowable capsule.
4. The in-vivo device according to claim 1, wherein the MEMS switch is operable to alter the mode of the device.
5. The in-vivo device according to claim 1, wherein to alter the mode of the device is in response to a magnetic field.
6. The in-vivo device of claim 1 comprising a transmitter.
7. The in-vivo device of claim 1, wherein the MEMS switch is a normally closed MEMS switch.
8. The in-vivo device of claim 1, wherein the MEMS switch comprises:
 - a first ferromagnetic conductive terminal;
 - a flexible ferromagnetic conductive terminal; and
 - a non-magnetic conductive terminal; wherein the first ferromagnetic conductive terminal and the non-magnetic conductive terminal are electrically isolated.
9. An in-vivo device comprising:
 - a sensor; and
 - a switch, the switch comprising:
 - a first ferromagnetic conductive terminal;
 - a flexible ferromagnetic conductive terminal; and
 - a non-magnetic conductive terminal; wherein the first ferromagnetic conductive terminal and the non-magnetic conductive terminal are electrically isolated.

10. The in-vivo device according to claim 9, wherein the switch is a MEMS switch.
11. The in-vivo device according to claim 9, wherein the sensor is an imager.
12. The in-vivo device according to claim 9, wherein the in-vivo device is a swallowable capsule.
13. The in-vivo device according to claim 9, wherein the switch is operable to alter the mode of the device in response to a magnetic field.
14. A system for in-vivo imaging comprising:
 - an in-vivo device including at least:
 - a sensor; and
 - a MEMS switch; and
 - an external control device, the external control device including at least a magnetic field source producing a magnetic field sufficient to operate the switch.
15. The system of claim 14, wherein the sensor is an imager.
16. The system of claim 14 comprising:
 - a controller to:
 - receive data relating to an in-vivo condition and, in response, operate the magnetic field source.
17. The system of claim 16, wherein the controller is to determine the in-vivo condition.
18. The system of claim 16, wherein the condition is the location of the in-vivo device.
19. The system of claim 14 wherein the operation of the switch alters the operation of the in-vivo device.
20. The system of claim 19, wherein the altering the operation includes stopping the operation of a component of the in-vivo device.
21. The system of claim 14, wherein the switch comprises:
 - a first ferromagnetic conductive terminal;

a flexible ferromagnetic conductive terminal; and
a non-magnetic conductive terminal; wherein the first ferromagnetic
conductive terminal and the non-magnetic conductive terminal are
electrically isolated.

22. The system of claim 14, wherein the in-vivo device is a swallowable capsule.